Title (en)

COMPOSITE ARTICLE HAVING EXCELLENT FIRE AND IMPACT RESISTANCE AND METHOD OF MAKING THE SAME

Title (de)

VERBUNDARTIKEL MIT HERVORRAGENDER FEUER- UND EINSCHLAGSBESTÄNDIGKEIT SOWIE VERFAHREN ZU SEINER HERSTÉLLUNG

Title (fr)

ARTICLE COMPOSITE PRÉSENTANT UNE EXCELLENTE RÉSISTANCE AU FEU ET AUX CHOCS ET SON PROCÉDÉ DE FABRICATION

Publication

EP 2125363 A2 20091202 (EN)

Application

EP 08725894 A 20080221

Priority

- US 2008002304 W 20080221
- US 89116507 P 20070222
- US 741807 P 20071212

Abstract (en)

[origin: WO2008103419A2] A composite article comprises a first glass layer, a silicone layer, a second glass layer, and an organic layer. The silicone layer is disposed adjacent to the first glass layer. The silicone layer includes a cured silicone composition. The second glass layer is disposed adjacent to the silicone layer, spaced from and substantially parallel to the first glass layer. The organic layer is disposed adjacent to the second glass layer, spaced from and substantially parallel to the silicone layer. The organic layer includes a cured organic composition. A method of making a composite article including a first glass layer and a polymeric layer disposed adjacent to the first glass layer includes providing a dual-compartment chamber. The chamber includes a first compartment and a second compartment separated by a polymeric separator. The separator can be manipulated through pressure differentials between the compartments. Pressure is applied to at least one of the silicone layer and the first glass layer with the polymeric separator.

IPC 8 full level

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CPC (source: EP KR US)

B30B 5/02 (2013.01 - EP KR US); **B32B 17/10018** (2013.01 - EP KR US); **B32B 17/10036** (2013.01 - EP KR US); **B32B 17/1033** (2013.01 - EP KR US); **B32B 17/10366** (2013.01 - EP KR US); **B32B 17/1055** (2013.01 - EP US); **B32B 17/10798** (2013.01 - EP KR US); **B32B 17/10844** (2013.01 - EP KR US); **B32B 25/20** (2013.01 - EP KR US); **B32B 37/1018** (2013.01 - EP KR US); **C03C 27/10** (2013.01 - KR); **C08J 7/0427** (2020.01 - EP KR US); **C08J 7/043** (2020.01 - EP KR US); **C08J 7/05** (2020.01 - EP KR US); B32B 2307/306 (2013.01 - EP KR US); B32B 2307/558 (2013.01 - EP KR US); B32B 2315/08 (2013.01 - EP KR US); B32B 2333/12 (2013.01 - EP KR US); B32B 2369/00 (2013.01 - EP KR US); C08J 2483/00 (2013.01 - EP KR US); Y10T 428/31507 (2015.04 - EP US); Y10T 428/3154 (2015.04 - EP US); Y10T 428/31544 (2015.04 - EP US); Y10T 428/31612 (2015.04 - EP US); Y10T 428/31627 (2015.04 - EP US); Y10T 428/3163 (2015.04 - EP US); Y10T 428/31645 (2015.04 - EP US); Y10T 428/31649 (2015.04 - EP US)

Citation (search report)

See references of WO 2008103419A2

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